

**Top Secret**



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**B**ASIC  
**I**MACERY  
**I**NTERPRETATION  
**R**EPORT

# **HA-ERH-PIN AIRCRAFT ENGINE PLANT PING-FANG 120 (S)**

**STRATEGIC WEAPONS INDUSTRIAL FACILITIES  
PRC  
AUGUST 1978**

**Top Secret**

RCA-09/0022/78

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INSTALLATION OR ACTIVITY NAME		COUNTRY
Ha-erh-pin Aircraft Engine Plant Ping-fang 120		CH
UTM COORDINATES	GEOGRAPHIC COORDINATES	
NA	45-35-55N 126-40-05E	
MAP REFERENCE		
DMA. USATC, Series 200, Sheet 0283-18, scale 1:200,000		
LATEST IMAGERY USED		NEGATION DATE (if required)
		NA

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### ABSTRACT

1. (TSR) This report discusses activity at the Ha-erh-pin Aircraft Engine Plant Ping-fang 120 in the People's Republic of China (PRC) observed from June 1974 to [redacted]. It updates NPIC report [redacted] which substantially satisfies the basic reporting requirement for this target.

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2. (TSR) The most significant development during the reporting period was the conversion of the heating plant from the use of coal to oil. New construction activity at the engine plant increased the total floorspace by 4 percent—from 175,724 square meters to 182,489 square meters.

3. (U) This report includes a location map, an annotated photograph, and a table of mensural data.

### INTRODUCTION

4. (TSR) The Ha-erh-pin Aircraft Engine Plant Ping-fang 120 is in Heilungkiang Province in the Shenyang Military Region. The plant is adjacent to both Ha-erh-pin Airframe Plant Ping-fang 122 [redacted] and Ha-erh-pin/Ping-fang-tien Airfield [redacted]. The ASH-82 engine for the HOUND helicopter and probably the UK-1 turbojet engine for BEAGLE aircraft are produced at Plant 120.<sup>1</sup> Both of these aircraft are produced at the adjacent airframe plant. The ASH-82 is the replacement engine for the CRATE aircraft. There is no evidence that Plant 120 is involved in the production of engines for the HARB-A antisubmarine warfare aircraft which was observed at the adjacent airfield during the first half of 1974.

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### BASIC DESCRIPTION

#### Construction Activity

5. (TSR) Construction activity at Plant 120 between June 1974 and [redacted] increased the amount of floorspace by 6,765 square meters (Figure 1 and Table 1). This is an increase of 4 percent from the total floorspace of 175,724 square meters observed in June 1974.<sup>1</sup> Plant 120 now has a total floorspace of 182,489 square meters. A large multistory engineering building (item 17), a warehouse (item 10), and a transshipment building (item 11) were the most significant buildings constructed since June 1974.

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6. (TSR) The conversion of the heating plant from the use of coal to oil was the major change at Plant 120 since June 1974. This conversion was initially begun in January 1973. Construction on two of the three large vertical fuel tanks had begun by November 1974 and construction on the third was underway on [redacted]. All three vertical fuel tanks (items 1, 2, and 4) were externally complete on [redacted]. An underground pipeline connects all three fuel tanks to a control building/pumphouse which has a pipeline extending from it to the heating plant. An addition to the heating plant (item 5) was under construction on [redacted] and was externally complete when observed on [redacted]. The plant was probably operational by at least November 1976 when fuel tank cars were first observed at the adjacent rail line.

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7. (TSR) A previously constructed support building was being renovated (Figure 1). Two-thirds of the roof had been removed from the building by [redacted] and had been replaced by [redacted]. The roof on the remaining one-third of this support building had been removed by [redacted].

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Table 1. Ha-erh-pin Aircraft Engine Plant Ping-fang 120

This table in its entirety is classified TOP SECRET RUFF

Item*	Function/Description	Dimensions (m)			Floorspace (sq m)	Comments
		L	W	H		
1	Vertical fuel stor tank					Externally complete by Nov 75
2	Vertical fuel stor tank					Externally complete by Nov 75
3	Control bldg/pumphouse					
4	Vertical fuel stor tank					Externally complete by Nov 75
5	Addition to heating plant					Externally complete by Nov 75
6	Housing/admin bldg					
7	Stor bldg					
8	Shop bldg					
a						
b						
c						
9	Pumphouse					
a						
b						
c						
10	Warehouse					
11	Transshipment bldg					
a						
b						
12	Stor bldg					
13	Vehicle stor bldg					
14	Vehicle stor bldg					
15	POL bunker					Complete by April 78
16	Support bldg					Ucon
a						
b						
17	Engr bldg					Externally complete by Sep 75
a						
b						
18	Stor bldg					

\*Items not listed were discussed in previous report.<sup>1</sup>

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Production

8. (TSR) The number of engine shipping containers observed at Plant 120 is below the level usually seen at other major aircraft engine plants in the PRC. This is probably due to the fact that the adjacent Ha-erh-pin Airframe Plant 122 is the prime consumer of products from Plant 120. However, an average of 50 to 60 engine shipping containers are generally seen at the rail transshipment dock of Plant 120.

REFERENCES

IMAGERY

(TSR) All applicable KEYHOLE imagery acquired from June 1974 [redacted] was used in the preparation of this report.

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MAPS OR CHARTS

DMA. US Air Target Chart, Series 200, Sheet 0283-18, scale 1:200,000 (UNCLASSIFIED)

DOCUMENT

1. NPIC. [redacted] RCA-09/0016/75, Ha-erh-pin Aircraft Engine Plant Ping-fang 120, Oct 74 (TOP SECRET) [redacted]

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REQUIREMENT

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Project 280066DJ

(S) Comments and queries regarding this report are welcome. They may be directed to [redacted] Asian Forces Division, Imagery Exploitation Group, NPIC, [redacted]

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